
WATER SUPPLY SUBURBAN WATERSHEDS REPORT: WATERSHED PROTECTION AND TRAFFIC ANALYSIS



**City of Austin
Watershed Protection Department
Environmental Resource Management Division**



Watershed Protection

*Water Quality Report Series
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Discussion of Individual Strategies

Water Quality Regulations – The analysis of water quality regulations accounted for developments that implemented current BMP requirements, those that implemented older requirements, and those with no BMP requirements. . The City's monitoring and modeling program indicates that the most current regulations are effective at controlling a wide range of stormwater pollutants and should also be effective at reducing stream channel erosion, but are not particularly effective at reducing nutrient levels, a reflection of the limitations of sedimentation/sand filtration BMPs. The overall effectiveness of regulations is somewhat limited in the Bull Creek watershed because much of the development has occurred prior to passage of the most stringent control requirements in 1993. The WPD staff estimates that less than 20% of all development in the watershed will implement the most current control requirements.